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THE NOTIFIABLE DISEASES.

PREVALENCE DURING 1920 IN CITIES OF OVER 100,000.¹

ANTHRAX, CEREBROSPINAL MENINGITIS, DIPHTHERIA, INFLUENZA, MALARIA, MEASLES, PELLAGRA, PNEUMONIA (ALL FORMS), POLIOMYELITIS (INFANTILE PARALYSIS), RABIES IN ANIMALS, RABIES IN MAN, SCARLET FEVER, SMALLPOX, TUBERCULOSIS (ALL FORMS AND PULMONARY), TYPHOID FEVER, AND TYPHUS FEVER—CASES AND DEATHS REPORTED, 1920; INDICATED CASE AND DEATH RATES PER 1,000 POPULATION; FATALITY RATES PER 100 CASES; AND MEDIAN NUMBER OF CASES REPORTED DURING PRECEDING YEARS.

The following tables were compiled from data furnished by the city health officers. They include all cities in the United States of 100,000 population or over, although two cities furnished morbidity data only.

The populations given and which were used in computing the rates were estimated as of July 1, 1920, from the preliminary reports of the census of January 1, 1920, and the reports of the census of April 15, 1910. The figures given probably differ somewhat from estimates which will be made later, which will be based on the final reports of the 1920 census and will take into consideration changes in area of the cities between 1910 and 1920, data for which are not now available. The differences, however, will probably not be such as to seriously affect the rates given in the tables.

Medians² of the total number of cases reported annually during the years 1913 to 1919 are given for cerebrospinal meningitis, diphtheria, measles, poliomyelitis (infantile paralysis), scarlet fever, smallpox, and typhoid fever. The column headed "Number of years" shows the number of years for which data were available. For pellagra, data were available only for the years 1915 to 1919, inclusive.

¹ It will be noted that some of the cities are apparently much more successful in obtaining reports of the notifiable diseases than are others. This may be due to the greater activity of their health departments or to a greater interest in the public welfare on the part of their practicing physicians. That the health departments of certain cities are securing fairly complete information of the prevalence of preventable diseases is indicated in a number of instances by the large numbers of cases reported as compared with the numbers of deaths registered from the same causes.

² The median has been defined as the magnitude of the middle item in an array. If the numbers of cases reported are arranged so that the greatest number reported in any one year is first, the second greatest number is second, and so on, then the number of cases in the center of the array is the median. The following illustration shows the method followed when data for five years are available: In a city reporting 60 cases in 1915, 79 cases in 1916, 71 cases in 1917, 58 cases in 1918, and 53 cases in 1919, the median is 60 cases.

For all diseases except anthrax, rabies, and typhus fever there is given either the fatality rate per 100 cases or the number of cases reported for each death registered.

In comparing the figures for 1920 with the medians for preceding years, it should be borne in mind that there has been a gradual improvement in the reporting of communicable diseases during the last few years. An increase in the number of cases reported may be due to better reporting of the particular disease rather than to an increase in the number of cases existing.

In studying these tables it should be kept in mind that a relatively large number of reported cases of a communicable disease as indicated by a high case rate (and more especially when accompanied by a relatively small number of deaths, as indicated by a low fatality rate) usually means that the health department of that city is active and that the cases of the disease are being well reported by the practicing physicians. It does not usually mean that the disease is more prevalent in that city than in other cities. A high fatality rate may mean that the disease was unusually virulent in a city, that the physicians did not treat the disease in that city with the success usual elsewhere, or that the practicing physicians did not report all of their cases to the health department. On the other hand, an unusually low fatality rate may be due to the fact that the disease in the city was unusually mild, that the physicians treated it with unusual success, that the practicing physicians reported their cases satisfactorily, or that the registration of deaths was incomplete, or the assignment of the causes of death inaccurate.

Cities in which no cases of a certain disease were reported are not included in the table for that disease.

Reported Prevalence for the Year 1920—Medians for Previous Years.

ANTHRAX.

City.	Cases reported, 1920.	Deaths registered, 1920.	City.	Cases reported, 1920.	Deaths registered, 1920.
California:			New Jersey:		
Los Angeles.....	1	0	Camden.....	4	.....
San Francisco.....	1	0	Newark.....	3	0
Illinois:			New York:		
Chicago.....	6	4	New York.....	24	3
Maryland:			Pennsylvania:		
Baltimore.....	.....	1	Philadelphia.....	15	12
Massachusetts:			Pittsburgh.....	.....	1
Boston.....	4	0	Texas:		
Lowell.....	3	1	Dallas.....	1	0
Michigan:			Washington:		
Detroit.....	.....	1	Spokane.....	1	0
Nebraska:					
Omaha.....	1	1			

Reported Prevalence for the Year 1920—Medians for Previous Years—Continued.

CEREBROSPINAL MENINGITIS.

City.	Estimated population, July 1, 1920.	Median.		1920				
		Number of years.	Cases re-reported.	Cases re-reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Alabama:								
Birmingham	180,618	7	15	9	0.05	7	0.04	77.8
California:								
Los Angeles	589,934	7	31	29	.05	6	.01	20.7
Oakland	219,770	3	5			10	.05	
San Francisco	513,122	7	18	47	.09	14	.03	29.8
Colorado:								
Denver	258,583	6	2	5	.02	1	.00	20.0
Connecticut:								
Bridgeport	145,675	7	6	19	.13	12	.08	63.2
Hartford	140,051	6	6	7	.05			
New Haven	164,008	5	11	17	.10	11	.07	64.7
Delaware:								
Wilmington	111,340	3	3			1	.01	
District of Columbia:								
Washington	443,056	6	7	5	.01	3	.01	60.0
Georgia:								
Atlanta	202,974	3	9			10	.05	
Illinois:								
Chicago	2,728,302	7	108	79	.03	31	.01	39.2
Indiana:								
Indianapolis	318,342	6	22			5	.02	
Iowa:								
Des Moines	128,533	3	5			1	.01	
Kentucky:								
Louisville	235,456	6	32	4	.02	2	.01	50.0
Louisiana:								
New Orleans	389,699	7	16	18	.05	15	.04	83.3
Maryland:								
Baltimore	742,856	6	43	36	.05	25	.03	69.4
Massachusetts:								
Boston	752,050	7	64	42	.06	33	.04	78.6
Cambridge	109,944	3	6	6	.05	4	.04	66.7
Fall River	120,546	7	8	9	.07	8	.07	88.9
Lowell	113,092	7	13	11	.10	6	.05	54.5
New Bedford	122,482	4	2	13	.11	7	.06	53.8
Springfield	131,656	6	4	5	.04	4	.03	80.0
Worcester	181,493	6	7	4	.02	1	.01	25.0
Michigan:								
Detroit	1,020,931	5	56	92	.09	35	.03	38.0
Minnesota:								
Minneapolis	384,660	4	13			9	.02	
St. Paul	235,617	5	4	9	.04	6	.03	66.7
Missouri:								
St. Louis	777,319	7	41	37	.05	10	.01	27.0
Nebraska:								
Omaha	195,078	4	5	5	.03	4	.02	80.0
New Jersey:								
Camden	117,430	3	3	3	.03			
Jersey City	299,413	7	8	13	.04			
Newark	417,654	7	37	31	.07	16	.04	51.6
Paterson	136,395	5	13	11	.08	5	.04	45.5
Trenton	120,446	5	1	9	.07	5	.04	55.6
New York:								
Albany	114,018	5	3			1	.01	
Buffalo	511,053	7	17	11	.02	5	.01	45.5
New York	5,665,148	7	317	244	.04	123	.02	50.4
Rochester	299,747	6	9			4	.01	
Syracuse	173,492	5	3	2	.01	0		
Ohio:								
Cincinnati	403,186	7	28	6	.01	4	.01	66.7
Cleveland	808,999	7	46	21	.03	12	.01	57.1
Columbus	239,800	6	10	3	.01	1	.00	33.3
Toledo	246,952	6	3			2	.01	
Youngstown	135,103	3	14			6	.04	
Oregon:								
Portland	260,918	3	3			5	.02	
Pennsylvania:								
Philadelphia	1,837,277	7	68	48	.03	28	.02	58.3
Pittsburgh	590,989	7	18	14	.02	12	.02	85.7
Reading	108,387	6	1			1	.01	
Seranton	138,191	3	5			10	.07	

Reported Prevalence for the Year 1920—Medians for Previous Years—Continued.

CEREBROSPINAL MENINGITIS—Continued.

City.	Estimated population, July 1, 1920.	Median.		1920				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Rhode Island:								
Providence.....	238, 278	7	20	13	0.05	9	0.04	69.2
Tennessee:								
Memphis.....	163, 960	3	19	11	.07	10	.06	90.9
Nashville.....	118, 753	7	15	5	.04	3	.03	60.0
Texas:								
Dallas.....	162, 420	5	9	8	.05	5	.03	62.5
Fort Worth.....	108, 190	2	2	1	.01	.....	.....	.....
Houston.....	141, 129	4	4	7	.05	4	.03	57.1
San Antonio.....	164, 715	6	8	7	.04	6	.04	85.7
Virginia:								
Norfolk.....	118, 266	2	15	5	.04	3	.03	60.0
Richmond.....	173, 935	3	4	2	.01	1	.01	50.0
Washington:								
Seattle.....	319, 693	6	2	10	.03	.....	.....	.....
Spokane.....	104, 439	3	1	2	.02	1	.01	50.0

DIPHTHERIA.

Alabama:								
Birmingham.....	180, 618	7	163	219	1.21	11	0.06	5.0
California:								
Los Angeles.....	589, 934	7	639	2, 666	4.52	63	.11	2.4
Oakland.....	219, 770	6	155	213	.97	30	.14	14.1
San Francisco.....	513, 122	7	795	952	1.86	79	.15	8.3
Colorado:								
Denver.....	258, 583	7	394	674	2.61	60	.23	8.9
Connecticut:								
Bridgeport.....	145, 675	7	296	430	2.95	45	.31	10.5
Hartford.....	140, 051	6	352	429	3.06	22	.16	5.1
New Haven.....	164, 008	7	273	526	3.21	19	.12	3.6
Delaware:								
Wilmington.....	111, 340	6	83	170	1.53	14	.13	8.2
District of Columbia:								
Washington.....	443, 056	7	645	713	1.61	63	.14	8.8
Georgia:								
Atlanta.....	202, 974	4	182	223	1.10	24	.12	10.8
Illinois:								
Chicago.....	2, 728, 302	7	6, 980	7, 761	2.84	630	.23	8.1
Indiana:								
Indianapolis.....	318, 342	7	646	242	.76	26	.08	10.7
Iowa:								
Des Moines.....	128, 533	3	153	185	1.44	22	.17	11.9
Kansas:								
Kansas City.....	102, 148	4	150	313	3.06	13	.13	4.2
Kentucky:								
Louisville.....	235, 456	7	238	538	2.28	29	.12	5.4
Louisiana:								
New Orleans.....	389, 099	7	873	324	.83	22	.06	6.8
Maryland:								
Baltimore.....	742, 856	7	1, 151	1, 549	2.09	100	.13	6.5
Massachusetts:								
Boston.....	752, 050	7	2, 674	2, 010	2.67	139	.18	6.9
Cambridge.....	109, 944	4	324	220	2.00	8	.07	3.6
Fall River.....	120, 546	7	178	280	2.32	39	.32	13.9
Lowell.....	113, 092	7	234	253	2.24	20	.18	7.9
New Bedford.....	122, 482	6	125	208	1.70	34	.28	16.3
Springfield.....	131, 656	7	177	143	1.09	16	.12	11.2
Worcester.....	181, 493	6	317	189	1.04	12	.07	6.3
Michigan:								
Detroit.....	1, 020, 931	7	2, 874	4, 478	4.39	371	.36	8.3
Grand Rapids.....	138, 925	7	181	487	3.51	37	.27	7.6
Minnesota:								
Minneapolis.....	384, 660	5	1, 007	651	1.69	45	.12	6.9
St. Paul.....	235, 617	7	897	918	3.90	58	.25	6.3
Missouri:								
Kansas City.....	328, 326	7	504	568	1.73	44	.13	7.7
St. Louis.....	777, 319	7	3, 370	4, 342	5.59	260	.33	6.0
Nebraska:								
Omaha.....	195, 078	6	239	446	2.29	47	.24	10.5

Reported Prevalence for the Year 1920—Medians for Previous Years—Continued.

DIPHTHERIA—Continued.

City.	Estimated population, July 1, 1920.	Median.		1920				
		Number of years.	Cases re-reported.	Cases re-reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
New Jersey:								
Camden.....	117, 430	6	192	247	2. 10	.....	.....	.....
Jersey City.....	299, 413	7	707	964	3. 22	.....	.....	.....
Nowark.....	417, 654	7	1, 203	1, 020	2. 44	61	0. 15	6. 0
Paterson.....	136, 395	7	240	292	2. 14	32	. 23	11. 0
Trenton.....	120, 446	6	254	240	1. 99	11	. 09	4. 6
New York:								
Albany.....	114, 018	7	126	168	1. 47	12	. 11	7. 1
Buffalo.....	511, 053	7	960	3, 100	6. 07	298	. 58	9. 6
New York.....	5, 665, 148	7	14, 014	14, 166	2. 50	1, 045	. 18	7. 4
Rochester.....	299, 747	6	356	1, 777	5. 93	83	. 28	4. 7
Syracuse.....	173, 492	7	294	454	2. 62	30	. 17	6. 6
Yonkers.....	101, 278	6	247	271	2. 68	25	. 25	9. 2
Ohio:								
Akron.....	215, 613	6	316	294	1. 36	35	. 16	11. 9
Cincinnati.....	403, 186	7	882	659	1. 63	51	. 13	7. 7
Cleveland.....	808, 999	7	2, 030	1, 528	1. 89	133	. 16	8. 7
Columbus.....	239, 890	7	303	348	1. 45	18	. 08	5. 2
Dayton.....	154, 412	7	266	231	1. 50	15	. 10	6. 5
Toledo.....	245, 952	7	311	797	3. 23	51	. 21	6. 4
Youngstown.....	135, 103	4	193	184	1. 36	12	. 09	6. 6
Oregon:								
Portland.....	260, 918	4	130	572	1. 43	11	. 04	3. 0
Pennsylvania:								
Philadelphia.....	1, 837, 277	7	2, 615	3, 368	1. 83	418	. 23	12. 4
Pittsburgh.....	590, 989	7	1, 400	1, 327	2. 25	115	. 19	8. 7
Reading.....	108, 387	6	166	200	1. 85	17	. 16	8. 5
Scranton.....	128, 191	6	317	224	1. 62	20	. 14	8. 9
Rhode Island:								
Providence.....	238, 278	7	754	1, 133	4. 75	67	. 28	5. 9
Tennessee:								
Memphis.....	163, 960	3	474	699	4. 26	20	. 12	2. 9
Nashville.....	118, 753	7	91	199	1. 68	13	. 11	6. 5
Texas:								
Dallas.....	162, 420	5	123	529	3. 26	24	. 15	4. 5
Fort Worth.....	108, 190	5	77	178	1. 65	4	. 04	2. 2
Houston.....	141, 129	4	96	366	2. 59	8	. 06	2. 2
San Antonio.....	164, 715	6	117	167	1. 01	23	. 14	13. 8
Utah:								
Salt Lake City.....	119, 415	7	122	97	. 81	10	. 08	10. 3
Virginia:								
Norfolk.....	118, 266	2	104	101	. 85	7	. 06	6. 9
Richmond.....	173, 935	6	248	584	3. 36	20	. 11	3. 4
Washington:								
Seattle.....	319, 693	7	153	448	1. 40	33	. 10	7. 4
Spokane.....	104, 439	5	47	111	1. 06	13	. 12	11. 7
Wisconsin:								
Milwaukee.....	461, 457	6	902	1, 576	3. 42	119	. 26	7. 6

INFLUENZA.

City.	Estimated population, July 1, 1920.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Alabama:						
Birmingham.....	189, 618	.....	.....	204	1. 13	.....
California:						
Los Angeles.....	589, 934	9, 089	15. 39	231	. 39	39. 3
Oakland.....	219, 770	2, 115	9. 62	151	. 69	14. 0
San Francisco.....	513, 122	7, 512	14. 64	476	. 93	15. 8
Colorado:						
Denver.....	258, 583	1, 365	5. 28	119	. 45	11. 5
Connecticut:						
Bridgeport.....	145, 675	420	2. 88	130	. 89	3. 2
Hartford.....	140, 051	1, 437	10. 26	104	. 74	13. 8
New Haven.....	164, 008	.....	.....	156	. 95	.....

Reported Prevalence for the Year 1920—Medians for Previous Years—Continued.

INFLUENZA—Continued.

City.	Estimated population, July 1, 1920.	Cases report- ed.	Cases per 1,000 inhab- itants.	Deaths regis- tered.	Deaths per 1,000 inhab- itants.	Cases report- ed for each death regis- tered.
District of Columbia:						
Washington.....	443,055	4,115	9.29	282	0.64	14.6
Georgia:						
Atlanta.....	202,974	7,396	36.44	70	.34	105.6
Illinois:						
Chicago.....	2,728,302	30,480	11.17	2,037	.75	15.0
Indiana:						
Indianapolis.....	318,342	1,844	5.79	194	.61	9.5
Iowa:						
Des Moines.....	128,533	75	.58	45	.35	1.7
Kansas:						
Kansas City.....	102,148	1,960	19.19	48	.47	40.8
Kentucky:						
Louisville.....	235,456	1,583	6.72	32	.14	49.5
Louisiana:						
New Orleans.....	389,699	2,996	7.69	201	.52	14.9
Maryland:						
Baltimore.....	742,856	12,987	17.48	324	.44	40.1
Massachusetts:						
Boston.....	752,050	8,392	11.16	473	.63	17.7
Cambridge.....	109,944	1,765	16.05	43	.39	41.0
Fall River.....	120,545	626	5.19	43	.36	14.6
Lowell.....	113,062	1,236	10.93	21	.19	58.9
New Bedford.....	122,482	787	6.43	55	.45	14.3
Springfield.....	131,656	533	4.05	70	.53	7.6
Worcester.....	181,493	1,603	8.83	97	.53	16.5
Michigan:						
Detroit.....	1,020,931	11,393	11.16	829	.81	13.7
Grand Rapids.....	138,925	1,505	10.93	25	.18	60.2
Minnesota:						
Minneapolis.....	384,660	4,339	11.28	401	1.04	10.8
St. Paul.....	235,617	1,932	8.20	217	.92	8.9
Missouri:						
Kansas City.....	328,326	2,837	8.64	472	1.44	6.0
St. Louis.....	777,319	9,255	11.91	512	.66	18.1
Nebraska:						
Omaha.....	195,078	696	3.57	100	.51	7.0
New Jersey:						
Camden.....	117,430	608	5.18			
Jersey City.....	299,413	1,197	4.00			
Newark.....	417,654	9,369	22.43	222	.53	42.2
Paterson.....	136,395	922	6.76	29	.21	31.8
Trenton.....	120,446	1,369	11.37	50	.42	27.4
New York:						
Albany.....	114,018	2,728	23.93	66	.58	41.3
Buffalo.....	511,053	4,080	7.98	256	.50	15.9
New York.....	5,665,148	69,824	12.33	3,492	.62	20.0
Rochester.....	299,747	3,288	10.97	98	.33	33.6
Syracuse.....	173,492	710	4.09	82	.47	8.7
Yonkers.....	101,278	294	2.90	22	.22	13.4
Ohio:						
Akron.....	215,613	563	2.61	186	.86	3.0
Cincinnati.....	403,186	960	2.38	292	.72	3.3
Cleveland.....	808,999	5,275	6.52	543	.67	9.7
Columbus.....	239,960			238	.99	
Dayton.....	154,412	101	.65	63	.41	1.6
Toledo.....	246,952	987	4.00	100	.40	9.9
Youngstown.....	135,103	819	6.06	95	.70	8.6
Oregon:						
Portland.....	260,918	2,590	9.93	136	.52	19.0
Pennsylvania:						
Philadelphia.....	1,837,277	8,022	4.37	844	.46	9.5
Pittsburgh.....	590,989	8,139	13.77	506	.86	16.1
Reading.....	108,387	1,400	12.92	71	.66	19.7
Scranton.....	138,191	979	7.08	146	1.06	6.7
Rhode Island:						
Providence.....	238,278	4,419	18.55	125	.52	35.4
Tennessee:						
Memphis.....	163,960	3,781	23.06	37	.23	102.2
Nashville.....	118,758			203	1.71	
Texas:						
Dallas.....	162,420	4,878	30.03	138	.85	35.3
Fort Worth.....	108,190			30	.28	
Houston.....	141,129	110	.78	0		
San Antonio.....	161,715	2,771	16.82	21	.13	132.0
Utah:						
Salt Lake City.....	119,415	2,892	24.22	146	1.22	19.8

Reported Prevalence for the Year 1920—Medians for Previous Years—Continued.**INFLUENZA—Continued.**

City.	Estimated population, July 1, 1920.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Virginia:						
Norfolk.....	118,266	38	0.32	7	0.06	5.4
Richmond.....	173,935	6,401	36.80	94	.54	68.1
Washington:						
Seattle.....	319,693			275	.86	
Spokane.....	101,439	3,033	29.04	152	1.46	20.0
Wisconsin:						
Milwaukee.....	461,437	2,601	5.64	108	.23	24.1

MALARIA.

Alabama:						
Birmingham.....	180,618	31	0.17	5	0.03	6.2
California:						
Los Angeles.....	589,934	14	.02	0		
Oakland.....	219,770	1	.00			
San Francisco.....	513,122	10	.02	3	.01	3.3
Colorado:						
Denver.....	258,583			1	.00	
Connecticut:						
Hartford.....	140,051	3	.02			
District of Columbia:						
Washington.....	443,056			1	.00	
Georgia:						
Atlanta.....	202,974	91	.45	6	.03	4.2
Illinois:						
Chicago.....	2,728,302			3	.00	
Kansas:						
Kansas City.....	102,148	5	.05	1	.01	5.0
Kentucky:						
Louisville.....	235,156	4	.02	0		
Louisiana:						
New Orleans.....	389,690	24	.06	4	.01	6.0
Maryland:						
Baltimore.....	742,856	6	.01	1	.00	6.0
Massachusetts:						
Boston.....	752,050	15	.02	0		
Cambridge.....	109,914	2	.02	0		
Fall River.....	120,546	2	.02	0		
Lowell.....	113,092	1	.01	0		
Worcester.....	181,493	1	.01	0		
Michigan:						
Detroit.....	1,020,931			2	.00	
Missouri:						
Kansas City.....	328,326			1	.00	
St. Louis.....	777,319			13	.02	
New Jersey:						
Jersey City.....	299,413	2	.01			
Newark.....	417,654	20	.05	0		
Paterson.....	136,395	4	.03	0		
Trenton.....	120,446	8	.07	0		
New York:						
New York.....	5,665,148	53	.01	4	.00	13.2
Syracuse.....	173,492			2	.01	
Yonkers.....	101,278			1	.01	
Ohio:						
Akron.....	215,613	4	.02	0		
Cleveland.....	808,999	2	.00	0		
Oregon:						
Portland.....	260,918			1	.00	
Pennsylvania:						
Philadelphia.....	1,837,277	10	.01	2	.00	5.0
Pittsburgh.....	590,989			1	.00	
Reading.....	108,387	1	.01	0		
Rhode Island:						
Providence.....	238,278			1	.00	
Tennessee:						
Memphis.....	163,960	46	.28	25	.15	1.8
Nashville.....	118,753			1	.01	
Texas:						
Dallas.....	162,420	679	4.18	24	.15	28.3
Fort Worth.....	108,190			4	.04	
Houston.....	111,129	15	.11	0		
San Antonio.....	161,715			17	.10	
Virginia:						
Norfolk.....	118,266	1	.01	0		
Richmond.....	173,935	9	.05	3	.02	3.0

Reported Prevalence for the Year 1920—Medians for Previous Years—Continued.

MEASLES.

City.	Estimated population, July 1, 1920.	Median.		1920				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Alabama:								
Birmingham.....	180,618	7	1,694	275	1.52	1	0.01	0.4
California:								
Los Angeles.....	569,934	7	3,903	2,927	4.96	19	.03	.6
Oakland.....	219,770	6	431	760	3.46	14	.06	1.8
San Francisco.....	513,122	7	1,720	3,632	7.08	29	.06	.8
Colorado:								
Denver.....	253,583	7	1,871	2,663	10.36	21	.08	.8
Connecticut:								
Bridgeport.....	145,675	6	336	308	2.11	9	.06	2.9
Hartford.....	140,051	6	373	573	4.09	2	.01	.3
New Haven.....	164,008	7	395	931	5.68	27	.16	2.9
Delaware:								
Wilmington.....	111,340	4	110	639	5.74	6	.05	.9
District of Columbia:								
Washington.....	443,056	7	2,642	582	1.31	2	.00	.3
Georgia:								
Atlanta.....	202,974	3	333	737	3.63	14	.07	1.9
Illinois:								
Chicago.....	2,728,302	7	15,132	9,025	3.31	69	.03	1.0
Indiana:								
Indianapolis.....	318,342	7	2,541	6,926	21.76	22	.07	.3
Iowa:								
Des Moines.....	128,533	1	86	57	.44	5	.04	8.8
Kansas:								
Kansas City.....	102,148	4	425	755	7.39	6	.06	.8
Kentucky:								
Louisville.....	235,456	7	182	467	1.98	3	.01	.6
Louisiana:								
New Orleans.....	389,699	7	992	952	2.44	16	.04	1.7
Maryland:								
Baltimore.....	742,856	7	4,235	5,029	6.78	49	.07	1.0
Massachusetts:								
Boston.....	752,050	7	5,341	6,516	8.66	66	.09	1.0
Cambridge.....	109,944	4	1,189	911	8.29	14	.13	1.5
Fall River.....	120,546	7	606	514	4.26	19	.16	3.7
Lowell.....	113,092	7	501	1,376	12.17	26	.23	1.9
New Bedford.....	122,482	6	596	439	3.58	2	.02	.5
Springfield.....	131,656	7	617	1,124	8.54	13	.10	1.2
Worcester.....	181,493	6	500	134	.74	3	.02	2.2
Michigan:								
Detroit.....	1,020,931	5	1,661	3,115	3.05	86	.06	2.8
Grand Rapids.....	138,925	7	721	3,509	25.26	15	.11	.4
Minnesota:								
Minneapolis.....	384,660	5	764	2,113	5.49	22	.06	1.0
St. Paul.....	235,617	7	1,311	1,364	5.79	13	.06	1.0
Missouri:								
Kansas City.....	328,326	7	1,573	1,160	3.53	43	.13	3.7
St. Louis.....	777,319	6	4,317	9,951	12.80	119	.15	1.2
Nebraska:								
Omaha.....	195,078	5	416	1,149	5.89	3	.02	.3
New Jersey:								
Camden.....	117,430	6	305	892	7.60	.....	.....	.....
Jersey City.....	299,413	7	1,132	1,439	4.81	.....	.....	.....
Newark.....	417,654	7	2,539	6,689	16.02	52	.12	.8
Paterson.....	136,395	7	208	2,007	14.71	9	.07	.4
Trenton.....	120,446	6	368	91	.76	2	.02	2.2
New York:								
Albany.....	114,018	7	603	569	4.99	2	.02	.4
Buffalo.....	511,053	7	3,375	4,618	9.04	42	.08	.9
New York.....	5,665,148	7	27,419	35,083	6.19	736	.13	2.1
Rochester.....	299,747	6	1,584	2,589	8.64	29	.10	1.1
Syracuse.....	173,492	7	1,533	2,078	11.98	22	.13	1.1
Yonkers.....	101,278	6	681	895	8.84	9	.09	1.0
Ohio:								
Akron.....	215,613	6	264	1,421	6.59	6	.03	.4
Cincinnati.....	403,186	7	1,100	4,205	10.43	72	.18	1.7
Cleveland.....	808,999	7	2,656	3,573	4.46	77	.10	2.2
Columbus.....	239,890	7	590	2,089	8.71	26	.11	1.2
Dayton.....	154,412	7	456	771	4.99	10	.06	1.3
Toledo.....	246,952	7	943	3,607	14.61	35	.14	1.0
Youngstown.....	135,103	4	791	298	2.21	7	.05	2.3
Oregon:								
Portland.....	260,918	4	1,400	1,527	5.85	12	.05	.8

Reported Prevalence for the Year 1920—Medians for Previous Years—Continued.

MEASLES—Continued.

City.	Estimated population, July 1, 1920.	Median.		1920				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Pennsylvania:								
Philadelphia.....	1,837,277	7	8,792	13,144	7.15	166	0.09	1.3
Pittsburgh.....	590,989	7	5,638	9,620	16.28	98	.17	1.0
Reading.....	108,387	6	973	36	.33	0	.....	.....
Scranton.....	138,191	6	353	482	3.49	17	.12	3.5
Rhode Island:								
Providence.....	238,278	7	342	1,590	6.67	23	.10	1.4
Tennessee:								
Memphis.....	163,960	3	721	79	.48	1	.01	1.3
Nashville.....	118,753	7	591	227	1.91	2	.02	.9
Texas:								
Dallas.....	162,420	5	35	405	2.49	3	.02	.7
Fort Worth.....	108,190	5	110	20	.18	4	.04	20.0
Houston.....	141,129	3	392	277	1.96	0	.....	.....
San Antonio.....	164,715	6	127	170	1.03	1	.01	.6
Utah:								
Salt Lake City.....	119,415	7	798	2,116	17.72	6	.05	.3
Virginia:								
Norfolk.....	118,266	2	209	327	2.76	0	.....	.....
Richmond.....	173,935	6	913	2,607	14.99	10	.06	.4
Washington:								
Seattle.....	319,693	7	1,572	2,944	9.21	13	.04	.4
Spokane.....	104,439	5	237	2,158	20.66	14	.13	.6
Wisconsin:								
Milwaukee.....	461,437	6	1,423	5,827	12.63	19	.04	.3

PELLAGRA.

Alabama:								
Birmingham.....	180,618	4	113	.....	.....	29	0.16	.....
California:								
Los Angeles.....	589,934	5	7	1	0.00	0	.....	.....
San Francisco.....	513,122	3	1	.....	.....	1	.00	.....
District of Columbia:								
Washington.....	443,056	5	16	.....	.....	5	.01	.....
Georgia:								
Atlanta.....	202,974	.....	.....	.....	.....	32	.16	.....
Illinois:								
Chicago.....	2,728,302	.....	.....	.....	.....	1	.00	.....
Louisiana:								
New Orleans.....	389,699	5	52	26	.07	23	.06	88.5
Maryland:								
Baltimore.....	742,856	2	3	.....	.....	4	.01	.....
Massachusetts:								
Boston.....	752,050	5	8	1	.00	0	.....	.....
Worcester.....	181,493	4	2	.....	.....	1	.01	.....
Michigan:								
Detroit.....	1,020,931	3	0	.....	.....	1	.00	.....
Missouri:								
Kansas City.....	328,326	2	1	.....	.....	1	.00	.....
St. Louis.....	777,319	.....	.....	.....	.....	1	.00	.....
New York:								
New York.....	5,665,148	4	4	.....	.....	3	.00	.....
Ohio:								
Akron.....	215,613	1	0	.....	.....	1	.00	.....
Pennsylvania:								
Philadelphia.....	1,837,277	4	3	2	.00	0	.....	.....
Tennessee:								
Memphis.....	163,960	2	103	.....	.....	23	.14	.....
Nashville.....	118,753	4	213	.....	.....	11	.09	.....
Texas:								
Dallas.....	162,420	4	36	25	.15	19	.12	76.0
Fort Worth.....	108,190	1	20	.....	.....	12	.11	.....
Houston.....	141,129	2	21	.....	.....	10	.07	.....
San Antonio.....	164,715	.....	.....	.....	.....	11	.07	.....
Virginia:								
Norfolk.....	118,266	1	3	.....	.....	4	.03	.....
Richmond.....	173,935	4	23	.....	.....	6	.03	.....

Reported Prevalence for the Year 1920—Media's for Previous Years—Continued.

PNEUMONIA (ALL FORMS).

City.	Estimated population, July 1, 1920.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Alabama:						
Birmingham.....	180,618			365	2.02	.....
California:						
Los Angeles.....	589,934	1,785	3.03	530	.90	3.4
Oakland.....	219,770			169	.77	.....
San Francisco.....	513,122	1,651	1.27	669	1.30	.....
Colorado:						
Denver.....	258,583			834	3.23	.....
Connecticut:						
Bridgeport.....	145,675			274	1.88	.....
Hartford.....	140,051			297	2.12	.....
New Haven.....	164,008			318	1.94	.....
Delaware:						
Wilmington.....	111,340			263	2.36	.....
District of Columbia:						
Washington.....	443,056			868	1.96	.....
Georgia:						
Atlanta.....	202,974			623	3.07	.....
Illinois:						
Chicago.....	2,723,302	15,534	5.69	3,815	1.40	4.1
Indiana:						
Indianapolis.....	318,342			586	1.84	.....
Iowa:						
Des Moines.....	128,533			180	1.40	.....
Kansas:						
Kansas City.....	102,148	276	2.70	251	2.46	1.1
Kentucky:						
Louisville.....	235,456			450	1.91	.....
Louisiana:						
New Orleans.....	389,699			735	1.89	.....
Maryland:						
Baltimore.....	742,856	3,717	5.00	1,393	1.88	2.7
Massachusetts:						
Boston.....	752,050	11,522	12.02	1,348	1.79	.....
Cambridge.....	109,944	1,257	12.34	193	1.76	.....
Fall River.....	120,546	1,210	11.74	208	1.73	.....
Lowell.....	113,092	1,173	11.53	264	2.33	.....
New Bedford.....	122,482			329	2.69	.....
Springfield.....	131,656	1,229	11.74	128	.97	.....
Worcester.....	181,493	1,347	11.91	164	.90	.....
Michigan:						
Detroit.....	1,020,931	3,311	3.24	1,508	1.48	2.2
Grand Rapids.....	138,925	533	3.84	204	1.47	2.6
Minnesota:						
Minneapolis.....	384,660			341	.89	.....
St. Paul.....	235,617			245	1.04	.....
Missouri:						
Kansas City.....	323,326	1,129	3.44	716	2.18	1.6
St. Louis.....	777,319			1,636	2.10	.....
Nebraska:						
Omaha.....	195,078			294	1.51	.....
New Jersey:						
Camden.....	117,430	326	2.78			
Jersey City.....	299,413	543	1.81			
Newark.....	417,654	3,996	9.57	757	1.81	5.3
Paterson.....	136,395	436	3.20	266	1.95	1.6
Trenton.....	120,446	388	3.22	220	1.83	1.8
New York:						
Albany.....	114,018	518	4.54	170	1.49	3.0
Buffalo.....	511,053	1,771	3.47	706	1.38	2.5
New York.....	5,665,148	26,083	4.60	10,055	1.77	2.6
Rochester.....	299,747	712	2.38	297	.99	2.4
Syracuse.....	173,492	494	2.85	386	2.22	1.3
Yonkers.....	101,278	305	3.01	163	1.61	1.9
Ohio:						
Akron.....	215,613			591	2.74	.....
Cincinnati.....	403,186			475	1.18	.....
Cleveland.....	808,999	1,322	1.63	1,171	1.45	1.1
Columbus.....	239,890			357	1.49	.....
Dayton.....	154,412			261	1.69	.....
Toledo.....	246,952			310	1.26	.....
Youngstown.....	135,103			294	2.18	.....
Oregon:						
Portland.....	260,918			305	1.17	.....

¹ Includes lobar pneumonia only.

Reported Prevalence for the Year 1920—Medians for Previous Years—Continued.

PNEUMONIA (ALL FORMS)—Continued.

City.	Estimated population, July 1, 1920.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Pennsylvania:						
Philadelphia.....	1,837,277	5,074	2.76	3,718	2.02	1.4
Pittsburgh.....	590,989	1,360	2.30	2,249	3.81	
Reading.....	108,387			186	1.72	
Scranton.....	138,191			336	2.43	
Rhode Island:						
Providence.....	238,278			451	2.02	
Tennessee:						
Memphis.....	163,060			393	2.40	
Nashville.....	118,753			202	1.70	
Texas:						
Dallas.....	162,420	406	2.50	203	1.25	2.0
Fort Worth.....	108,190			251	2.32	
Houston.....	141,129	447	3.17	198	1.40	2.3
San Antonio.....	164,715			308	1.87	
Utah:						
Salt Lake City.....	119,415			101	.85	
Virginia:						
Norfolk.....	118,266			233	1.97	
Richmond.....	173,935			320	1.84	
Washington:						
Seattle.....	319,603			268	.84	
Spokane.....	104,439	212	2.03	126	1.21	1.7
Wisconsin:						
Milwaukee.....	461,437			930	2.02	

POLIOMYELITIS (INFANTILE PARALYSIS).

City.	Estimated population, July 1, 1920.	Median.		1920				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Cases per 1,000 inhabitants.	Fatalities per 100 cases.
Alabama:								
Birmingham.....	180,618	7	2	4	0.02	1	0.01	25.0
California:								
Los Angeles.....	589,934	7	9	17	.03	3	.01	17.6
Oakland.....	219,770	6	2			1	.00	
San Francisco.....	513,122	7	8	4	.01	1	.00	25.0
Colorado:								
Denver.....	258,583	5	5	2	.01	1	.00	50.0
Connecticut:								
Bridgeport.....	145,675	5	2			1	.01	
Hartford.....	140,061	6	6	3	.02	2	.01	66.7
District of Columbia:								
Washington.....	443,056	7	6	3	.01	2	.00	66.7
Illinois:								
Chicago.....	2,728,302	7	96	78	.03	8	.00	10.3
Indiana:								
Indianapolis.....	318,342	6	3	3	.01	1	.00	33.3
Iowa:								
Des Moines.....	128,533	3	2			1	.01	
Kansas:								
Kansas City.....	102,148	2	5	1	.01	0		
Kentucky:								
Louisville.....	235,456	6	3			2	.01	
Louisiana:								
New Orleans.....	389,699	7	5	3	.01			
Maryland:								
Baltimore.....	742,856	7	26	15	.02	4	.01	26.7
Massachusetts:								
Boston.....	752,050	7	20	243	.32	48	.06	19.8
Cambridge.....	109,944	4	4	18	.16	7	.06	38.9
Fall River.....	120,546	6	6	4	.03	0		
Lowell.....	113,092	6	8	14	.12	5	.04	35.7
Springfield.....	131,656	7	7	3	.02	1	.01	33.3
Worcester.....	181,493	5	8	6	.03	0		

¹ Includes lobar pneumonia only.

Reported Prevalence for the Year 1920—Medians for Previous Years—Continued.

POLIOMYELITIS (INFANTILE PARALYSIS)—Continued.

City.	Estimated population, July 1, 1920.	Median.		1920				
		Number of years.	Cases re-reported.	Cases re-reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Michigan:								
Detroit.....	1,020,931	5	17	17	0.02	8	0.01	47.1
Grand Rapids.....	138,925	6	4	2	.01	0		
Minnesota:								
Minneapolis.....	384,660	5	5	7	.02	3	.01	42.9
St. Paul.....	235,617	7	4	9	.04	0		
Missouri:								
Kansas City.....	328,326	5	7	2	.01	1	.00	50.0
St. Louis.....	777,319	7	13	46	.06	6	.01	13.0
New Jersey:								
Jersey City.....	299,413	7	3	1	.00			
Newark.....	417,654	7	19	21	.05	7	.02	33.3
New York:								
Buffalo.....	511,053	7	9	1	.00	0		
New York.....	5,665,148	7	134	154	.03	40	.01	26.0
Rochester.....	299,747	6	3	3	.01	1	.00	33.3
Yonkers.....	101,278	6	1	2	.02	1	.01	50.0
Ohio:								
Akron.....	215,613	5	6			9	.04	
Cincinnati.....	403,186	6	9	5	.01	0		
Cleveland.....	808,999	7	34	13	.02	3	.00	23.1
Columbus.....	239,890	7	4	1	.00	0		
Dayton.....	154,412	6	2	3	.02	0		
Toledo.....	246,952	5	16			1	.00	
Oregon:								
Portland.....	260,918	4	6	3	.01	0		
Pennsylvania:								
Philadelphia.....	1,837,277	7	18	22	.01	5	.00	22.7
Pittsburgh.....	590,989	7	13	5	.01	0		
Reading.....	108,387	6	2			2	.02	
Scranton.....	138,191	5	1	1	.01			
Rhode Island:								
Providence.....	238,278	7	9	9	.04	0		
Tennessee:								
Nashville.....	118,753	5	1	1	.01	0		
Texas:								
Dallas.....	162,420	5	4	1	.01	0		
Utah:								
Salt Lake City.....	119,415	6	4			1	.01	
Virginia:								
Norfolk.....	118,566	2	0	2	.02	0		
Richmond.....	173,935	4	8	3	.02	0		
Washington:								
Seattle.....	319,693	6	2	2	.01	0		
Spokane.....	104,439	5	1			1	.01	
Wisconsin:								
Milwaukee.....	461,437	4	53	8	.02	2	.00	25.0

RABIES IN ANIMALS.

City.	Cases reported, 1920.	City.	Cases reported, 1920.
California:		Ohio:	
Oakland.....	2	Akron.....	16
Colorado:		Cincinnati.....	24
Denver.....	1	Cleveland.....	97
Kentucky:		Dayton.....	10
Louisville.....	1	Toledo.....	5
Michigan:		Rhode Island:	
Detroit.....	34	Providence.....	4
Missouri:		Tennessee:	
Kansas City.....	26	Memphis.....	4
St. Louis.....	23	Texas:	
New York:		Dallas.....	4
Albany.....	1	Washington:	
New York.....	44	Seattle.....	2
Rochester.....	2		

Reported Prevalence for the Year 1920—Medians for Previous Years—Continued.**RABIES IN MAN.**

City.	Cases reported, 1920.	Deaths registered, 1920.	City.	Cases reported, 1920.	Deaths registered, 1920.
Georgia:			Ohio:		
Atlanta.....		1	Cleveland.....		1
Illinois:			Pennsylvania:		
Chicago.....		1	Philadelphia.....	1	1
Iowa:			Pittsburgh.....	1	1
Des Moines.....		1	Tennessee:		
Nebraska:			Memphis.....		3
Omaha.....		1			
New York:					
New York.....	1	1			

SCARLET FEVER.

City.	Estimated population, July 1, 1920.	Median.		1920				
		Number of years.	Cases re- ported.	Cases re- ported.	Cases per 1,000 inhab- itants.	Deaths regis- tered.	Deaths per 1,000 inhab- itants.	Fatali- ties per 100 cases.
Alabama:								
Birmingham.....	180,618	7	193	224	1.24	6	.03	2.7
California:								
Los Angeles.....	589,924	7	396	504	.85	5	.01	1.0
Oakland.....	219,770	6	231	322	1.47	10	.05	3.1
San Francisco.....	513,122	7	423	569	1.11	10	.02	1.8
Colorado:								
Denver.....	258,583	7	506	320	1.24	7	.03	2.2
Connecticut:								
Bridgewater.....	145,675	7	139	283	1.94	5	.03	1.8
Hartford.....	140,051	6	143	314	2.24	3	.02	1.0
New Haven.....	164,008	7	207	554	3.38	6	.04	1.1
Delaware:								
Wilmington.....	111,340	6	81	195	1.75	24	.22	12.3
District of Columbia:								
Washington.....	443,056	7	584	782	1.77	8	.02	1.0
Georgia:								
Atlanta.....	202,974	4	176	177	.87	6	.03	3.4
Illinois:								
Chicago.....	2,728,302	7	4,550	8,557	3.14	181	.07	2.1
Indiana:								
Indianapolis.....	318,342	7	543	921	2.89	12	.04	1.3
Iowa:								
Des Moines.....	128,533	3	166	200	1.56	3	.02	1.5
Kansas:								
Kansas City.....	102,148	4	136	237	2.32	2	.02	.8
Kentucky:								
Louisville.....	235,456	7	118	349	1.48	3	.01	.9
Louisiana:								
New Orleans.....	389,699	7	102	221	.57	7	.02	3.2
Maryland:								
Baltimore.....	742,855	7	966	1,248	1.68	13	.02	1.0
Massachusetts:								
Boston.....	752,650	7	1,900	2,154	2.86	70	.09	3.2
Cambridge.....	109,944	4	145	278	2.53	4	.01	1.4
Fall River.....	120,546	7	119	141	1.17	4	.03	2.8
Lowell.....	113,002	7	102	221	1.95	1	.01	.5
New Bedford.....	122,482	6	131	310	2.53	3	.02	1.0
Springfield.....	131,656	7	176	464	3.52	18	.14	3.9
Worcester.....	181,493	6	263	959	5.28	20	.11	2.1
Michigan:								
Detroit.....	1,020,931	7	1,599	3,656	3.58	99	.10	2.7
Grand Rapids.....	138,925	7	359	234	1.68	3	.02	1.3
Minnesota:								
Minneapolis.....	384,660	5	669	1,001	2.60	27	.07	2.7
St. Paul.....	235,617	7	526	452	1.92	15	.06	3.3
Missouri:								
Kansas City.....	328,326	7	236	487	1.48	20	.06	4.1
St. Louis.....	777,319	7	1,093	1,175	1.51	24	.03	2.0
Nebraska:								
Omaha.....	195,078	6	339	785	4.02	6	.03	.8

Reported Prevalence for the Year 1920—Medians for Previous Years—Continued.

SCARLET FEVER—Continued.

City.	Estimated population, July 1, 1920.	Median.		1920				
		Num-ber of years.	Cases re-ported.	Cases re-ported.	Cases per 1,000 inhab-itants.	Deaths regis-tered.	Deaths per 1,000 inhab-itants.	Fatali-ties per 100 cases.
New Jersey:								
Camden.....	117,430	6	83	207	1.76	.....	.....	.....
Jersey City.....	299,413	7	636	286	.96	.....	.....	.....
Newark.....	417,654	7	820	896	2.15	12	0.03	1.3
Paterson.....	136,395	7	124	112	.82	3	.02	2.7
Trenton.....	120,446	6	70	103	.86	3	.02	2.9
New York:								
Albany.....	114,018	7	148	262	2.30	2	.02	.8
Buffalo.....	511,053	7	632	651	1.27	19	.04	2.9
New York.....	5,665,148	7	6,260	6,537	1.15	220	.04	3.4
Rochester.....	299,747	6	514	500	1.67	28	.09	5.6
Syracuse.....	173,492	7	338	629	3.63	14	.08	2.2
Yonkers.....	101,278	6	200	87	.86	3	.03	3.4
Ohio:								
Akron.....	215,613	6	226	1,750	8.12	51	.24	2.9
Cincinnati.....	403,186	7	411	1,729	4.29	31	.08	1.8
Cleveland.....	808,999	7	618	2,257	2.79	68	.08	3.0
Columbus.....	239,890	7	293	424	1.77	10	.04	2.4
Dayton.....	154,412	7	258	236	1.53	8	.05	3.4
Toledo.....	246,952	7	298	838	3.39	24	.10	2.9
Youngstown.....	135,103	4	148	503	3.72	21	.16	4.2
Oregon:								
Portland.....	260,918	4	456	375	1.44	3	.01	.8
Pennsylvania:								
Philadelphia.....	1,837,277	7	1,668	3,850	2.10	115	.06	3.0
Pittsburgh.....	590,989	7	672	1,556	2.63	21	.04	1.3
Reading.....	108,387	6	175	61	.56	0	.....	.....
Scranton.....	138,191	6	203	245	1.77	12	.09	4.9
Rhode Island:								
Providence.....	238,278	7	588	533	2.24	14	.06	2.6
Tennessee:								
Memphis.....	163,960	3	177	218	1.51	3	.02	1.2
Nashville.....	118,753	6	103	155	1.31	0	.....	.....
Texas:								
Dallas.....	162,420	5	85	133	.82	2	.01	1.5
Fort Worth.....	108,190	5	62	64	.59	7	.06	10.9
Houston.....	141,129	4	31	52	.37	0	.....	.....
San Antonio.....	164,715	6	37	25	.15	0	.....	.....
Utah:								
Salt Lake City.....	119,415	7	231	86	.72	2	.02	2.3
Virginia:								
Norfolk.....	118,266	2	93	48	.41	0	.....	.....
Richmond.....	173,935	6	211	229	1.32	0	.....	.....
Washington:								
Seattle.....	319,693	7	152	530	1.66	11	.03	2.1
Spokane.....	104,439	5	85	171	1.64	3	.03	1.8
Wisconsin:								
Milwaukee.....	461,437	6	1,232	1,287	2.79	29	.06	2.2

SMALLPOX.

Alabama:								
Birmingham.....	180,618	7	56	266	1.47	1	0.01	0.4
California:								
Los Angeles.....	589,934	7	88	272	.46	0	.....	.....
Oakland.....	219,770	6	18	131	.60	.....	.....	.....
San Francisco.....	513,122	7	52	403	.79	0	.....	.....
Colorado:								
Denver.....	258,583	7	124	953	3.69	1	.00	.1
District of Columbia:								
Washington.....	443,056	7	48	89	.20	.....	.....	.....
Georgia:								
Atlanta.....	202,974	3	67	284	1.40	0	.....	.....
Illinois:								
Chicago.....	2,728,302	7	98	154	.06	1	.00	.6
Indiana:								
Indianapolis.....	318,342	7	137	349	1.10	0	.....	.....
Iowa:								
Des Moines.....	128,533	3	181	146	1.14	1	.01	.7
Kansas:								
Kansas City.....	102,148	4	371	86	.84	0	.....	.....

Reported Prevalence for the Year 1920—Medians for Previous Years—Continued.

SMALLPOX—Continued.

City.	Estimated population, July 1, 1920.	Median.		1920				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Kentucky:								
Louisville.....	235,456	7	73	25	0.11	1	0.03	4.0
Louisiana:								
New Orleans.....	389,699	7	98	891	2.29	131	.34	14.7
Maryland:								
Baltimore.....	742,856	6	35	34	.05	0	.....	.....
Massachusetts:								
Boston.....	752,050	7	4	10	.01	0	.....	.....
Lowell.....	113,092	5	1	1	.01	0	.....	.....
Michigan:								
Detroit.....	1,020,931	7	405	1,125	1.10	4	.00	.4
Grand Rapids.....	138,925	6	40	39	.28	0	.....	.....
Minnesota:								
Minneapolis.....	384,660	5	523	2,174	5.65	0	.....	.....
St. Paul.....	235,617	7	129	617	2.62	0	.....	.....
Missouri:								
Kansas City.....	328,326	7	275	514	1.57	3	.01	.6
St. Louis.....	777,319	7	113	260	.33	0	.....	.....
Nebraska:								
Omaha.....	195,078	6	458	.....	.....	1	.01	.....
New Jersey:								
Camden.....	117,430	4	4	2	.02	.....	.....	.....
Newark.....	417,654	4	1	4	.01	0	.....	.....
Trenton.....	120,446	4	0	3	.02	0	.....	.....
New York:								
Albany.....	114,018	7	0	4	.04	0	.....	.....
Buffalo.....	511,053	7	10	47	.09	0	.....	.....
New York.....	5,665,148	7	18	25	.00	.....	.....	.....
Rochester.....	299,747	5	1	3	.01	0	.....	.....
Syracuse.....	173,492	5	2	1	.01	0	.....	.....
Ohio:								
Akron.....	215,613	6	63	424	1.97	0	.....	.....
Cincinnati.....	403,186	6	67	98	.24	0	.....	.....
Cleveland.....	808,999	7	204	134	.17	0	.....	.....
Columbus.....	239,880	7	85	70	.29	0	.....	.....
Dayton.....	154,412	6	12	59	.38	0	.....	.....
Toledo.....	246,952	7	210	60	.24	1	.00	1.7
Youngstown.....	135,103	4	200	454	2.36	1	.01	.2
Oregon:								
Portland.....	260,918	4	102	1,458	5.59	2	.01	.1
Pennsylvania:								
Philadelphia.....	1,837,277	6	12	18	.01	0	.....	.....
Pittsburgh.....	590,989	7	9	16	.03	0	.....	.....
Scranton.....	138,191	3	2	1	.01	.....	.....	.....
Tennessee:								
Memphis.....	163,960	3	327	151	.92	0	.....	.....
Nashville.....	118,753	7	22	44	.37	0	.....	.....
Texas:								
Dallas.....	162,420	5	203	636	3.92	0	.....	.....
Fort Worth.....	108,190	5	96	208	1.92	.....	.....	.....
Houston.....	141,129	4	41	54	.38	0	.....	.....
San Antonio.....	164,715	6	86	8	.05	0	.....	.....
Utah:								
Salt Lake City.....	119,415	7	177	1,059	8.87	3	.03	.3
Virginia:								
Norfolk.....	118,265	2	71	76	.64	0	.....	.....
Richmond.....	173,935	6	6	3	.02	0	.....	.....
Washington:								
Seattle.....	319,693	7	78	821	2.57	1	.00	.1
Spokane.....	104,439	5	364	1,156	11.07	1	.01	.1
Wisconsin:								
Milwaukee.....	461,437	6	269	568	1.23	0	.....	.....

Reported Prevalence for the Year 1920—Medians for Previous Years—Continued.

TUBERCULOSIS (ALL FORMS).

City.	Estimated population, July 1, 1920.	Cases reported.	Cases per 1,000 inhab- itants.	Deaths regis- tered.	Deaths per 1,000 inhab- itants.	Cases reported for each death regis- tered.
Alabama:						
Birmingham.....	180,618	.....	.....	287	1.59	.....
California:						
Los Angeles.....	589,934	3,415	5.79	1,054	1.79	3.2
San Francisco.....	513,122	1,411	2.75	669	1.30	2.1
Colorado:						
Denver.....	258,583	.....	.....	811	3.14	.....
Connecticut:						
Bridgeport.....	145,675	165	1.13	151	1.04	1.1
Hartford.....	140,051	.....	.....	115	.82	.....
New Haven.....	164,008	466	2.84	140	.85	3.3
Delaware:						
Wilmington.....	111,340	.....	.....	105	.94	.....
District of Columbia:						
Washington.....	443,056	1,189	2.68	573	1.29	2.1
Georgia:						
Atlanta.....	202,974	.....	.....	219	1.08	.....
Illinois:						
Chicago.....	2,728,302	10,747	3.94	2,652	.97	4.1
Indiana:						
Indianapolis.....	318,342	.....	.....	414	1.30	.....
Iowa:						
Des Moines.....	128,533	.....	.....	117	.91	.....
Kansas:						
Kansas City.....	102,148	230	2.25	78	.76	2.9
Kentucky:						
Louisville.....	235,456	506	2.15	329	1.40	1.5
Louisiana:						
New Orleans.....	389,699	1,212	3.11	809	2.08	1.5
Maryland:						
Baltimore.....	742,856	1,421	1.91	1,107	1.49	1.3
Massachusetts:						
Boston.....	752,050	2,529	3.36	947	1.26	2.7
Cambridge.....	109,944	240	2.18	143	1.30	1.7
Fall River.....	120,546	272	2.26	124	1.03	2.2
Lowell.....	113,092	268	2.37	111	.98	2.4
New Bedford.....	122,482	393	3.21	162	1.32	2.4
Springfield.....	131,656	209	1.59	100	.76	2.1
Worcester.....	181,493	354	1.95	171	.91	2.1
Michigan:						
Detroit.....	1,020,931	2,211	2.17	1,012	.99	2.2
Grand Rapids.....	138,925	291	2.09	98	.71	3.0
Minnesota:						
Minneapolis.....	384,660	.....	.....	420	1.09	.....
St. Paul.....	235,617	415	1.76	258	1.09	1.1
Missouri:						
Kansas City.....	328,326	.....	.....	364	1.11	.....
St. Louis.....	777,319	.....	.....	769	.99	.....
Nebraska:						
Omaha.....	195,078	.....	.....	150	.77	.....
New Jersey:						
Camden.....	117,430	138	1.18	.....	.....	.....
Jersey City.....	299,413	640	2.14	.....	.....	.....
Newark.....	417,654	1,769	4.24	540	1.29	3.3
Paterson.....	136,395	311	2.28	145	1.06	2.1
Trenton.....	120,446	242	2.01	138	1.15	1.8
New York:						
Albany.....	114,018	269	2.36	164	1.44	1.6
Buffalo.....	511,053	1,201	2.35	528	1.03	2.3
New York.....	5,665,148	.....	.....	7,135	1.26	.....
Rochester.....	299,747	583	1.94	222	.74	2.6
Syracuse.....	173,492	287	1.65	112	.65	2.6
Yonkers.....	101,278	179	1.77	135	1.33	1.3
Ohio:						
Akron.....	215,613	292	1.35	108	.50	2.7
Cincinnati.....	403,186	1,023	2.54	628	1.56	1.6
Cleveland.....	808,999	1,531	1.90	874	1.08	1.8
Columbus.....	239,890	.....	.....	280	1.17	.....
Dayton.....	151,412	.....	.....	115	.74	.....
Toledo.....	216,952	.....	.....	327	1.32	.....
Youngstown.....	135,103	.....	.....	102	.75	.....
Oregon:						
Portland.....	260,918	.....	.....	216	.83	.....
Pennsylvania:						
Philadelphia.....	1,837,277	3,913	2.13	2,509	1.37	1.6
Pittsburgh.....	590,989	.....	.....	706	1.19	.....
Reading.....	108,387	.....	.....	81	.75	.....
Scranton.....	138,191	.....	.....	93	.67	.....

Reported Prevalence for the Year 1920—Medians for Previous Years—Continued.**TUBERCULOSIS (ALL FORMS)—Continued.**

City.	Estimated population, July 1, 1920.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Rhode Island:						
Providence.....	238,278			273	1.15	
Tennessee:						
Memphis.....	163,960	573	3.49	321	1.98	1.8
Nashville.....	118,753			239	2.01	
Texas:						
Dallas.....	162,420	416	2.56	183	1.13	2.3
Fort Worth.....	108,190			70	.65	
Houston.....	141,129	161	1.14	147	1.04	
San Antonio.....	164,715			449	2.73	
Utah:						
Salt Lake City.....	119,415			82	.69	
Virginia:						
Norfolk.....	118,266			224	1.89	
Richmond.....	173,935	614	3.53	225	1.29	1.1
Washington:						
Seattle.....	319,693			284	.89	
Spokane.....	101,439	151	1.45	72	.69	2.1
Wisconsin:						
Milwaukee.....	461,437	903	1.96	390	.85	2.3

TUBERCULOSIS (PULMONARY).

Alabama:						
Birmingham.....	180,618	338	1.87	24	1.36	1.4
California:						
Los Angeles.....	589,934			926	1.57	
Oakland.....	219,770			190	.86	
San Francisco.....	513,122			557	1.09	
Colorado:						
Denver.....	258,583			720	2.78	
Connecticut:						
Bridgeport.....	145,675			123	.84	
Hartford.....	140,051	183	1.31	87	.62	2.1
New Haven.....	164,008	414	2.52	107	.65	3.9
Delaware:						
Wilmington.....	111,340			89	.80	
District of Columbia:						
Washington.....	443,056	1,168	2.64	492	1.11	2.4
Georgia:						
Atlanta.....	202,974			183	.90	
Illinois:						
Chicago.....	2,728,302			2,275	.83	
Indiana:						
Indianapolis.....	318,342	453	1.71	336	1.06	1.3
Iowa:						
Des Moines.....	128,533			100	.78	
Kansas:						
Kansas City.....	102,148			69	.68	
Kentucky:						
Louisville.....	235,456			226	.96	
Louisiana:						
New Orleans.....	389,699			745	1.91	
Maryland:						
Baltimore.....	742,856	1,407	1.89	936	1.26	1.5
Massachusetts:						
Boston.....	752,050	2,212	2.94	813	1.08	2.7
Cambridge.....	109,944	213	1.94	130	1.18	1.6
Fall River.....	120,546	230	1.91	103	.85	2.2
Lowell.....	113,092	220	1.95	76	.67	2.9
New Bedford.....	122,482	344	2.81	130	1.06	2.6
Springfield.....	131,656	189	1.44	80	.61	2.4
Worcester.....	181,493	329	1.81	158	.87	2.1
Michigan:						
Detroit.....	1,020,931	2,077	2.03	849	.83	2.4
Minnesota:						
Minneapolis.....	384,660	957	2.49	353	.92	2.7
St. Paul.....	235,617	361	1.53	206	.87	1.8
Missouri:						
St. Louis.....	777,319	1,904	2.45	654	.84	2.9
Nebraska:						
Omaha.....	195,078	139	.71	122	.63	1.1

Reported Prevalence for the Year 1920—Medians for Previous Years—Continued.

TUBERCULOSIS (PULMONARY)—Continued.

City.	Estimated population, July 1, 1920.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
New Jersey:						
Newark.....	417,654			470	1.13	
Trenton.....	120,446	215	1.79	125	1.04	1.7
New York:						
Albany.....	114,018			134	1.18	
Buffalo.....	511,053	1,024	2.00	455	.89	2.3
New York.....	5,665,148	14,035	2.48	6,165	1.09	2.3
Rochester.....	299,747			189	.63	
Syracuse.....	173,492			74	.43	
Yonkers.....	101,278	162	1.60	118	1.17	1.4
Ohio:						
Akron.....	215,613			88	.41	
Cincinnati.....	403,186	931	2.31	544	1.35	1.7
Cleveland.....	808,999	1,489	1.84	727	.90	2.0
Columbus.....	239,890			217	.90	
Dayton.....	154,412			107	.69	
Toledo.....	246,952			295	1.19	
Youngstown.....	135,103	152	1.13	75	.56	2.0
Oregon:						
Portland.....	260,918	329	1.26	155	.59	2.1
Pennsylvania:						
Philadelphia.....	1,837,277			2,130	1.16	
Pittsburgh.....	590,989	996	1.69	562	.95	1.8
Reading.....	108,387			77	.71	
Scranton.....	138,191	120	.87	62	.45	1.9
Rhode Island:						
Providence.....	238,278			212	.89	
Tennessee:						
Memphis.....	163,960			267	1.63	
Nashville.....	118,733			197	1.66	
Texas:						
Dallas.....	162,420	404	2.49	154	.95	2.6
Fort Worth.....	108,190	64	.59			
Utah:						
Salt Lake City.....	119,415			66	.55	
Virginia:						
Norfolk.....	118,266	221	1.87	198	1.67	1.1
Washington:						
Seattle.....	319,693	677	2.12	194	.61	3.5
Spokane.....	104,439	137	1.31	58	.56	2.4
Wisconsin:						
Milwaukee.....	461,437			322	.70	

TYPHOID FEVER.

City.	Estimated population, July 1, 1920.	Median.		1920				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Alabama:								
Birmingham.....	180,618	7	425	126	0.70	26	0.14	20.6
California:								
Los Angeles.....	589,934	7	204	182	.31	15	.03	8.2
Oakland.....	219,770	6	84	34	.15	7	.03	20.6
San Francisco.....	513,122	7	194	71	.14	16	.03	22.5
Colorado:								
Denver.....	258,583	7	131	118	.46	13	.05	11.0
Connecticut:								
Bridgeport.....	145,675	7	32	17	.12	3	.02	17.6
Hartford.....	140,051	6	64	51	.26	4	.03	7.8
New Haven.....	164,008	7	77	67	.41	10	.06	14.9
Delaware:								
Wilmington.....	111,340	6	131	49	.44	15	.13	30.6
District of Columbia:								
Washington.....	443,056	7	338	159	.36	29	.07	18.2
Georgia:								
Atlanta.....	202,974	4	111	93	.46	26	.13	28.0

Reported Prevalence for the Year 1920—Medians for Previous Years—Continued.

TYPHOID FEVER—Continued.

City.	Estimated population, July 1, 1920.	Median.		1920				
		Number of years.	Cases re- ported.	Cases re- ported.	Cases per 1,000 inhab- itants.	Deaths regis- tered.	Deaths per 1,000 inhab- itants.	Fatali- ties per 100 cases.
Illinois:								
Chicago.....	2,728,302	7	915	234	0.09	30	0.01	12.8
Indiana:								
Indianapolis.....	318,342	7	184	78	.25	20	.06	25.6
Iowa:								
Des Moines.....	128,533	1	45	.....	.....	3	.02	.....
Kansas:								
Kansas City.....	102,148	3	59	40	.39	4	.04	10.0
Kentucky:								
Louisville.....	235,456	7	151	122	.52	9	.04	7.4
Louisiana:								
New Orleans.....	389,699	7	233	187	.48	29	.07	15.5
Maryland:								
Baltimore.....	742,856	7	757	270	.36	35	.05	13.0
Massachusetts:								
Boston.....	752,050	7	201	141	.19	11	.01	7.8
Cambridge.....	109,944	4	28	17	.15	3	.03	17.6
Fall River.....	120,546	7	159	118	.98	6	.05	5.1
Lowell.....	113,092	7	61	27	.24	3	.03	11.1
New Bedford.....	122,482	6	65	50	.41	13	.11	26.0
Springfield.....	131,656	7	52	13	.10	6	.05	46.2
Worcester.....	181,493	6	55	23	.13	3	.02	13.0
Michigan:								
Detroit.....	1,020,931	6	433	199	.19	52	.05	26.1
Grand Rapids.....	138,925	7	141	25	.18	3	.02	12.0
Minnesota:								
Minneapolis.....	384,660	5	166	70	.18	10	.03	14.3
St. Paul.....	235,617	7	52	104	.44	5	.02	4.8
Missouri:								
Kansas City.....	328,326	7	88	68	.21	25	.08	36.8
St. Louis.....	777,319	7	471	132	.17	21	.03	15.9
Nebraska:								
Omaha.....	195,078	5	34	74	.38	15	.08	20.3
New Jersey:								
Camden.....	117,430	6	52	30	.26	.....	.....	.....
Jersey City.....	299,413	7	47	53	.18	.....	.....	.....
Newark.....	417,654	6	118	61	.15	8	.02	13.1
Paterson.....	136,395	7	40	21	.15	0	.....	.....
Trenton.....	120,446	6	45	29	.24	6	.05	20.7
New York:								
Albany.....	114,018	7	86	62	.54	4	.04	6.5
Buffalo.....	511,053	7	251	74	.14	26	.05	35.1
New York.....	5,665,148	7	1,617	969	.17	137	.02	14.1
Rochester.....	299,747	7	74	27	.09	3	.01	11.1
Syracuse.....	173,492	7	45	76	.44	7	.04	9.2
Yonkers.....	101,278	6	17	6	.06	0	.....	.....
Ohio:								
Akron.....	215,613	6	94	46	.21	8	.04	17.4
Cincinnati.....	403,186	7	141	56	.14	12	.03	21.4
Cleveland.....	808,999	7	209	147	.18	26	.03	17.7
Columbus.....	239,890	7	162	33	.14	6	.03	18.2
Dayton.....	154,412	7	83	25	.16	11	.07	44.0
Toledo.....	246,952	7	279	62	.25	18	.07	29.0
Youngstown.....	135,103	4	85	48	.36	9	.07	18.7
Oregon:								
Portland.....	260,918	4	56	30	.11	9	.03	30.0
Pennsylvania:								
Philadelphia.....	1,837,277	7	740	350	.19	60	.03	17.1
Pittsburgh.....	590,989	7	284	77	.13	31	.05	40.3
Reading.....	108,387	6	88	34	.31	6	.06	17.6
Scranton.....	138,191	6	25	11	.08	2	.01	18.2
Rhode Island:								
Providence.....	238,278	7	136	46	.19	9	.04	19.6
Tennessee:								
Memphis.....	163,960	3	248	54	.33	13	.08	24.1
Nashville.....	118,753	7	289	105	.88	11	.09	10.5
Texas:								
Dallas.....	162,420	5	95	146	.90	23	.14	15.8
Fort Worth.....	108,190	3	85	48	.44	13	.12	27.1
Houston.....	141,129	3	74	69	.49	16	.11	23.2
San Antonio.....	164,715	6	94	48	.29	16	.10	33.3
Utah:								
Salt Lake City.....	119,415	7	120	36	.30	7	.06	19.4

Reported Prevalence for the Year 1920—Medians for Previous Years—Continued.**TYPHOID FEVER—Continued.**

City	Estimated population July 1, 1920.	Median.		1920				
		Number of years.	Cases re-reported.	Cases re-reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Virginia:								
Norfolk.....	118,266	2	62	43	0.36	4	0.03	9.3
Richmond.....	173,935	6	126	79	.45	11	.06	13.9
Washington:								
Seattle.....	319,693	7	67	45	.14	6	.02	13.3
Spokane.....	104,439	5	53	38	.36	7	.07	18.4
Wisconsin:								
Milwaukee.....	461,437	6	113	37	.08	10	.02	27.0

TYPHUS FEVER.

City.	Cases reported, 1920.	Deaths registered, 1920.	City.	Cases reported, 1920.	Deaths registered, 1920.
California:			Maryland:		
San Francisco.....	1	1	Baltimore.....	3	0
Georgia:			New York:		
Atlanta.....	1	0	New York.....	11	0
Illinois:					
Chicago.....	1	0			

A PUBLIC HEALTH INSTITUTE.

In view of the unequivocal interest taken by health workers in the recent institute on venereal disease control and social hygiene, as manifested by the large attendance at this institute, conducted by the United States Public Health Service in Washington, D. C., November 22 to December 4, 1920, the Service is proposing to conduct a General Public Health Institute during the fall of 1921.

It is planned to offer 25 or 30 courses of instruction in important branches of public health work, which will be given by leading authorities in each particular subject. The institute will make available to persons interested in the various fields of public health endeavor, the most recent contributions of knowledge and experience in their particular field, and will enable them to come into personal contact with leaders recognized to be the highest authorities in the various scientific and practical phases of the work.

A partial list of courses and the names of some of the members of the faculty are given in the accompanying letter recently sent out by Surg. Gen. Cumming. The letter was sent out in order to get the opinion of public health officers and others, in regard to the institute, to learn to what extent their interest will support it, and to give them an opportunity to offer constructive suggestions.